

# J F De Mesquita

## List of Publications by Year in descending order

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20  
papers

493  
citations

687220

13  
h-index

752573

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g-index

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all docs

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docs citations

20  
times ranked

641  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive in silico analysis and molecular dynamics of the superoxide dismutase 1 (SOD1) variants related to amyotrophic lateral sclerosis. PLoS ONE, 2021, 16, e0247841.	1.1	24
2	Molecular dynamics and protein frustration analysis of human fused in Sarcoma protein variants in Amyotrophic Lateral Sclerosis type 6: An In Silico approach. PLoS ONE, 2021, 16, e0258061.	1.1	3
3	Trehalose synthesis inhibitor: A molecular in silico drug design. Journal of Cellular Biochemistry, 2020, 121, 1114-1125.	1.2	5
4	In silico analysis of the tryptophan hydroxylase 2 (TPH2) protein variants related to psychiatric disorders. PLoS ONE, 2020, 15, e0229730.	1.1	14
5	SOD1 in amyotrophic lateral sclerosis development – in silico analysis and molecular dynamics of A4F and A4V variants. Journal of Cellular Biochemistry, 2019, 120, 17822-17830.	1.2	14
6	In silico analysis of PFN1 related to amyotrophic lateral sclerosis. PLoS ONE, 2019, 14, e0215723.	1.1	10
7	In silico analysis of the V66M variant of human BDNF in psychiatric disorders: An approach to precision medicine. PLoS ONE, 2019, 14, e0215508.	1.1	24
8	In silico analysis and molecular dynamics simulation of human superoxide dismutase 3 (SOD3) genetic variants. Journal of Cellular Biochemistry, 2019, 120, 3583-3598.	1.2	43
9	Trehalose-6-Phosphate as a Potential Lead Candidate for the Development of Tps1 Inhibitors: Insights from the Trehalose Biosynthesis Pathway in Diverse Yeast Species. Applied Biochemistry and Biotechnology, 2017, 181, 914-924.	1.4	20
10	In Vivo Characterization of I91T Sod2 Polymorphism of <i>Saccharomyces cerevisiae</i> . Journal of Cellular Biochemistry, 2017, 118, 1078-1086.	1.2	5
11	Amyotrophic Lateral Sclerosis Type 20 - In Silico Analysis and Molecular Dynamics Simulation of hnRNPA1. PLoS ONE, 2016, 11, e0158939.	1.1	29
12	Revisiting yeast trehalose metabolism. Current Genetics, 2015, 61, 263-274.	0.8	117
13	Regulation of the yeast trehalose synthase complex by cyclic AMP-dependent phosphorylation. Biochimica Et Biophysica Acta - General Subjects, 2014, 1840, 1646-1650.	1.1	37
14	Structural and Functional Analysis of Human SOD1 in Amyotrophic Lateral Sclerosis. PLoS ONE, 2013, 8, e81979.	1.1	26
15	Structural Modeling and In Silico Analysis of Human Superoxide Dismutase 2. PLoS ONE, 2013, 8, e65558.	1.1	30
16	The effect of superoxide dismutase deficiency on cadmium stress. Journal of Biochemical and Molecular Toxicology, 2004, 18, 12-17.	1.4	20
17	In silico and in vivo analysis reveal a novel gene in <i>Saccharomyces cerevisiae</i> trehalose metabolism. BMC Genomics, 2003, 4, 45.	1.2	20
18	Evidence for a modulation of neutral trehalase activity by Ca <sup>2+</sup> and cAMP signaling pathways in <i>Saccharomyces cerevisiae</i> . Brazilian Journal of Medical and Biological Research, 2002, 35, 11-16.	0.7	20

#	ARTICLE	IF	CITATIONS
19	Functional analysis of upstream activating elements in the promoter of the FBP1 gene from <i>Saccharomyces cerevisiae</i> . <i>Current Genetics</i> , 1998, 33, 406-411.	0.8	15
20	Modulation of trehalase activity in <i>Saccharomyces cerevisiae</i> by an intrinsic protein. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1997, 1334, 233-239.	1.1	17